

09/492 246

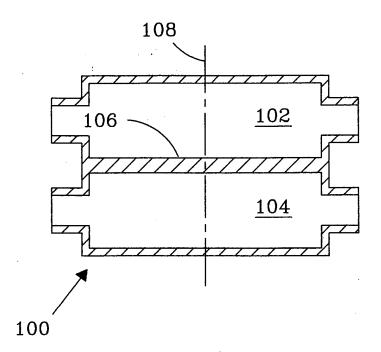
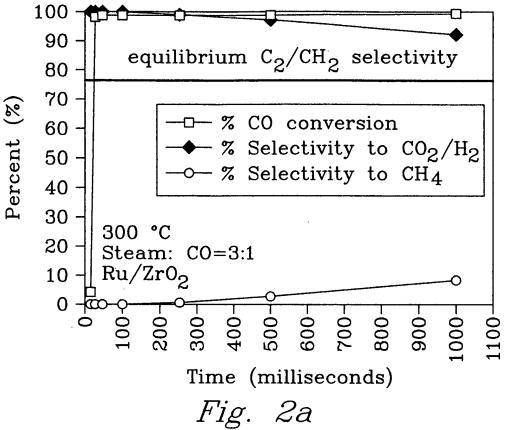
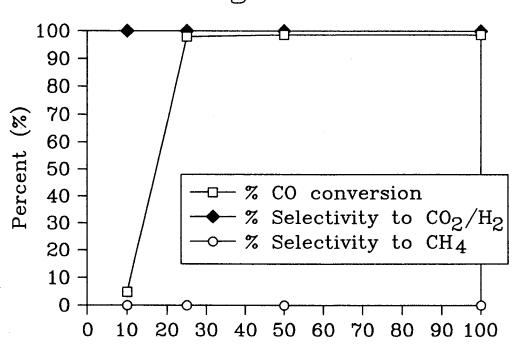


Fig. 1b



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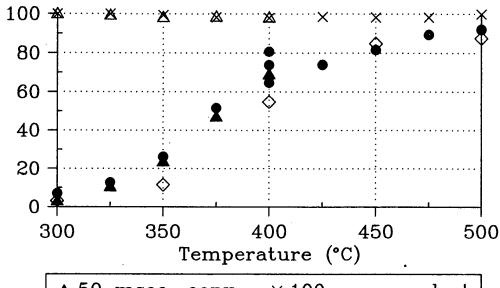




Time (milliseconds) Fig. 2b

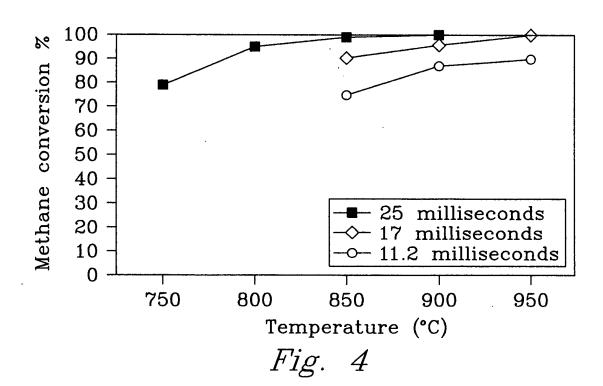


Conversion and CO<sub>2</sub> Selectivity vs Temperature for %Ru/ZrO<sub>2</sub>/Ni at 10, 50 and 100 msec contact time, 3:1 Steam: CO, 5% CO in feed

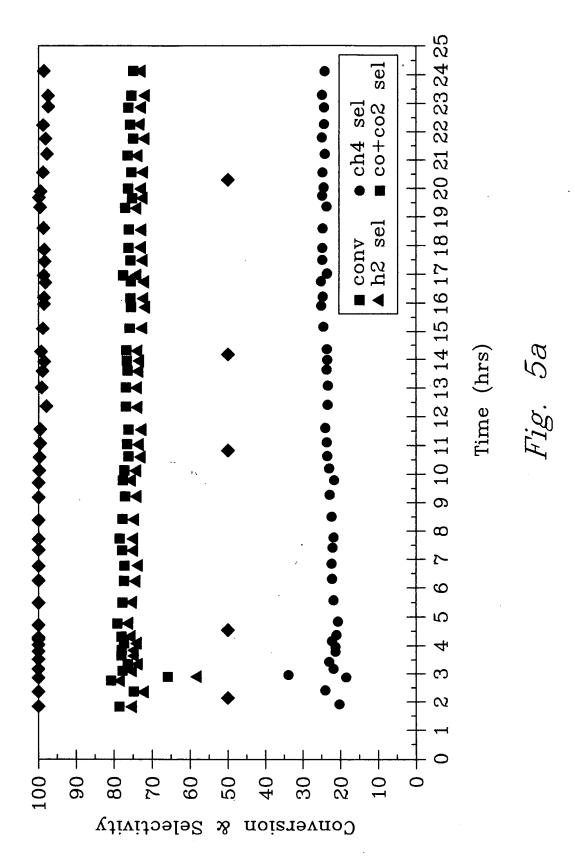


▲ 50 msec, conv × 100 msec, select ● 100 msec, conv ◇ 10 msec, conv △ 50 msec, select + 10 msec, sesect

Fig. 3









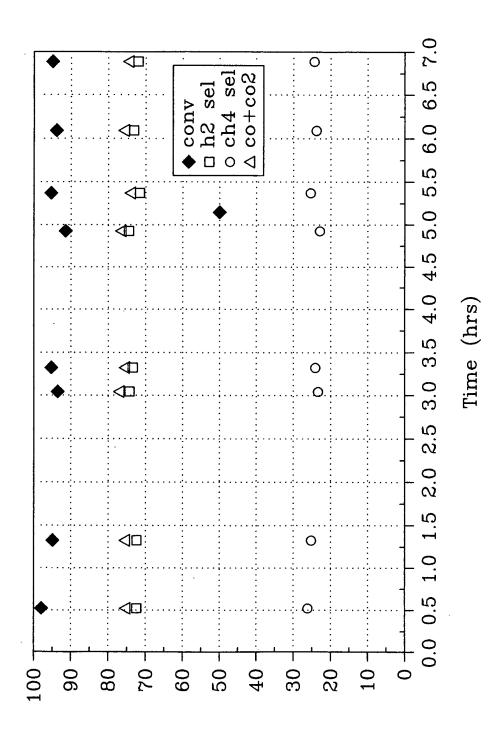
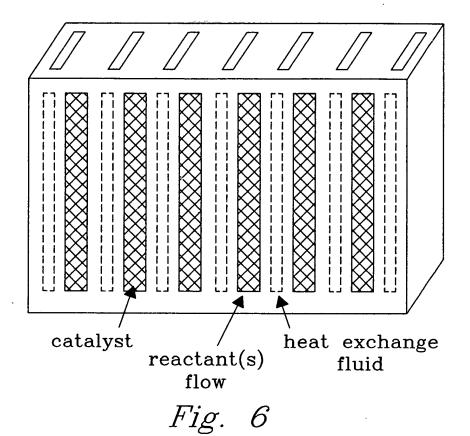
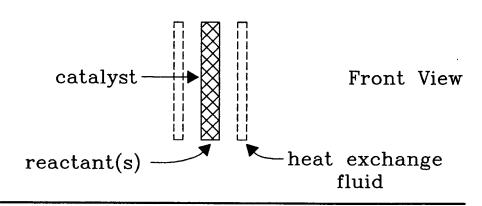
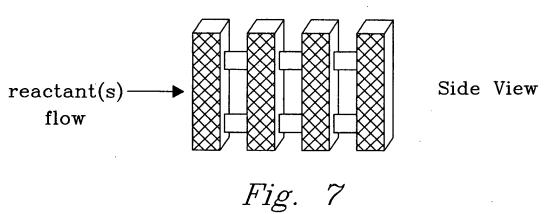


Fig. 5b









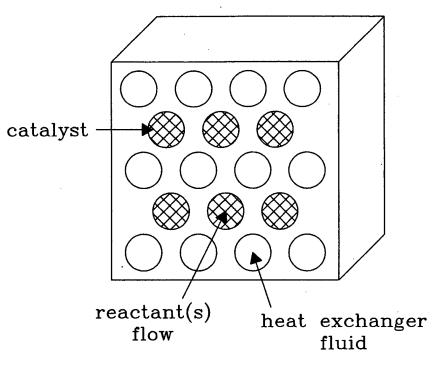
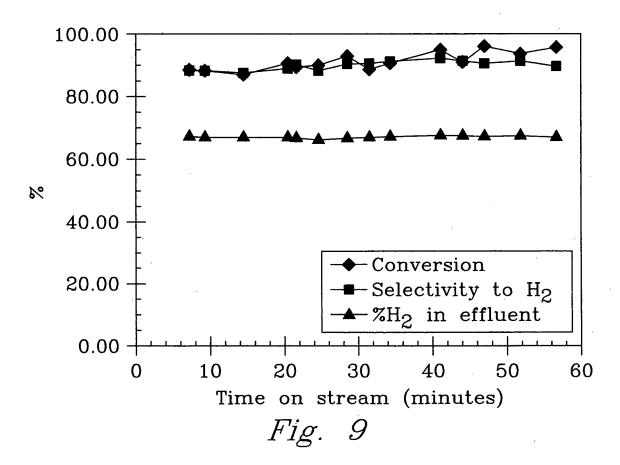


Fig. 8



90

80

70

9

50

40

30

20

10

0

100

Fig. 10

0.5-kWe/5.7:1

 $0.5-\mathrm{kWe}/6.1$